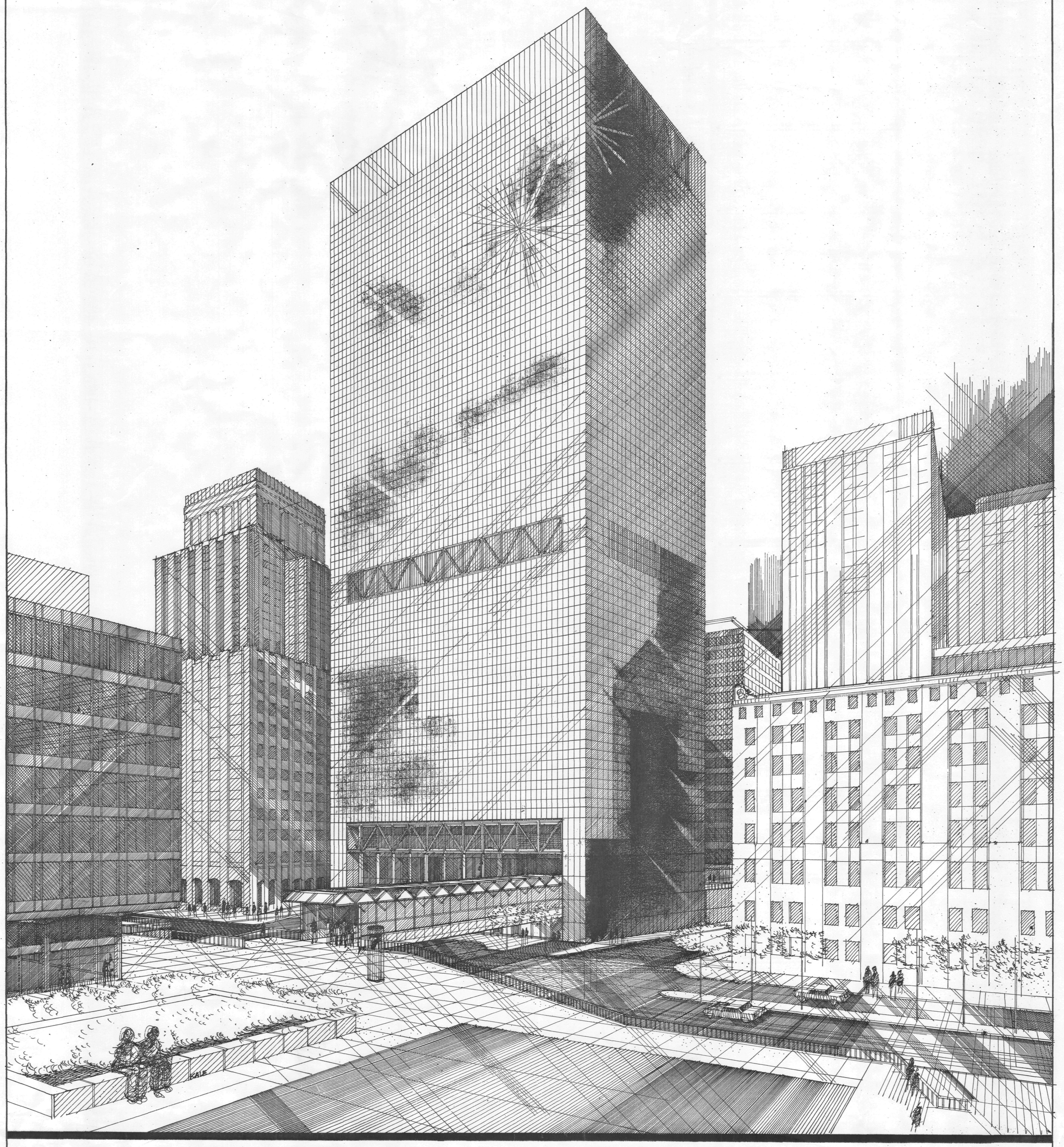
WTCI-3-SOM



7 WORLD TRADE CENTER

NEW YORK NY

SILVERSTEIN PROPERTIES

EMERY ROTH SONS PC
ARCHITECTS NEW YORK

General View

DATE
MARCH 31, 1981

01

WTCE-3-SOM

BARCLAY STREET

340'-10⅝" LOT

PROPERTY LINE

329'-0" BLDG

#16
- ADD CHILLED WATER PLANT
- 18000 TON CAPACITY
- CH. WATER RISERS UP THRU FLOOR 23

4 - 12" ø CHILLED WATER LINES (LOCATION TO BE DETERMINED)

CHILLER 2

STAIR OFFSET CONTINUED

#13 OUTSIDE AIR VENTILATION UNIT
- (FRESH AIR)
- ADDITIONAL UNIT LOCATED AT ROOF

BUILDING STORAGE

POTENTIAL HALON TANK CENTRALIZATION
- STRUCTURAL LOADING IMPACT

RELOCATED TEL. CLOS'A"

#24 INCREASE 1600A SERVICE TAKE-OFF

INCREASE 2000A SERVICE TAKE-OFF

SWGR #1

SWGR #2

SWGR #3

ELECTRICAL SWITCHGEAR ROOM

TOTAL (3) = 29,120 LBS (DRY WEIGHT)

#24 #25
BACK-UP POWER UPGRADE
- FIELD MODIFY & DRIVE 900 KW GEN SETS TO 1680 KW EACH
- ADD 3 1750 KW SETS w/ PARALLELING SWITCHGEAR
- REVIEW STRUCTURAL IMPACT

NOTES
1. PROVIDE STRUCTURAL COVER PLATES AT ALL AND TURN-UP TO FINISH VERTICAL SURFACES.
2. FOR SLAB-EDGE & FLOOR PENETRATIONS SEE PLANS FOR SPACE CONSTRUCTION DETAILS. FOR EXACT LOCATION OF NO. SEE MECHANICAL CONTRACTOR'S DRAWINGS.
3. FIREPROOFING SHALL BE CONTINUOUS AT PIPE CROSSING THRU MASONRY PARTITIONS.

FIRE DETAILS

PLANT PLAN AT COL. 6

WASHINGTON STREET

WEST BROADWAY

VESEY STREET

340'-10⅝" LOT

DREXEL BURNHAM LAMBERT

KEY PLAN
7 WORLD TRADE CENTER

NOTES
1) REF SK-1.1 & 5.0 FOR TYPICAL NOTES & VERIFICATION STATEMENTS TO ALL PLANS.
2) PLAN DIMENSIONS & LOCATIONS TO BE COORDINATED BY CORE BUILDING ARCHITECTS & ENGINEERS.
3) ALL ADDITIONS ARE IN PROGRESS OF THE EQUIPMENT INFORMATION PHASE.

No. Date Revision

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220 East 42nd St., New York, N.Y. 10017

FLACK AND KURTZ
Mechanical / Electrical Engineers
570 Fifth Avenue, New York, N.Y. 10036

5TH FLOOR PLAN
5TH FLOOR(S) SHOWN

PRELIMINARY

BASE BUILDING MODIFICATIONS

Date 15 JULY 1988 | Project No. 87015.300

Scale 1/8"=1'-0" | Sheet No. SK-5

WTCI-3-SOM

BARCLAY STREET

360'-10⅝" LOT

PROPERTY LINE

329'-0⅝" BLDG

#14
KITCHEN EXHAUST
- 80 SQ. FT TOTAL
- FLOORS 5 THRU 8
- (SLAB OPENING @ el 6'-1")

- EXTEND WALL TO M.E.R. TO COMPENSATE FOR ELEVATOR SHAFT AREA LOAD

RELOCATED TBL. Cl. "A"

TBL. Cl. "A"

P.B.X. ROOM - TBL. SWITCH.
- ± 5000 SQ. FT. @ 100 P.S.F.
- ± 500 SQ. FT @ 250 P.S.F. (BATTERIES)

STORAGE

MEN'S LOCKERS

WOMEN'S LOCKERS

ELEVATOR LOBBY

SERVICE CORRIDOR

ELECTRICAL SWITCHBOARD ROOM
FIN. FL. EL. +376'-0"
TOS. EL. +378'-0"
VERB. W.R.

#25
ADD MEZZANINE
- ± 100 P.S.F.
- SLAB OR GRATING

NOTES:
1. PLENUM 3" FREE CON. FILL OVER METAL RACE-AND TOP OF 8"ø ALL VERTICAL SLEEVES.
2. FOR EXACT SIZE & LOCATION OF SLEEVES SEE FINAL SHOP CONSTRUCTION DWGS.
3. FOR FINAL LOCATION OF RTU SEE HVAC CONTRACTORS DRWG.
4. PROVIDE CAULK OVER ALL CONT & PIPE OPENINGS THRU FIRE RATED PARTITIONS.

WASHINGTON STREET

WEST BROADWAY

VESEY STREET

+ SLOPING COLUMNS - FOR LOCATION SEE STRUCTURAL DRAWING

DREXEL BURNHAM LAMBERT

KEY PLAN
7 WORLD TRADE CENTER

NOTES
1) SEE SK-1.1 & SK-1.0 FOR TYPICAL NOTES & MODIFICATIONS PERTAINING TO ALL FLOORS.
2) FINAL DIMENSIONS & LOCATIONS TO BE COORDINATED BY CASE BUILDING ARCHITECTS & ENGINEERS.
3) ALL QUANTITIES ARE IN PROPOSED & FOR PRELIMINARY INFORMATION ONLY.

No.	Date	Revision

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FLACK AND KURTZ
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475 Fifth Avenue, New York, N.Y. 10018

6TH FLOOR PLAN
6TH FLOOR(S) SHOWN

PRELIMINARY

BASE BUILDING MODIFICATIONS

Date: 15 JUNE 88	Project No.: 6078.00
FC/Dwn:	Sheet No.: SK-6
Dwn by: TW/AP	
Scale: 1/8"=1'-0"	PRINT AND PLOT SCALE 1/8"=1'-0"

WTCI-3-SOM

BARCLAY STREET

340'-10⅝" LOT

PROPERTY LINE

329'-0½" BLDG.

#11
CAFETERIA - 8TH FLOOR
- 100 P.S.F. LIVE LOADING (ENTIRE FLOOR)
- POTENTIAL HEAVIER POINT LOADS

#18
ADD DEDICATED WASTE STACK
- 5" LINE FROM 8TH FL CAFETERIA

KITCHEN EXHAUST SEE SK-6

#1
ADD ELEVATORS
- EXPRESS RUN, 3 TO 8

#19
ADD GAS RISER
- METER RM TO 8TH FL P.S.
- 8TH FLOOR TO 45TH FL 4"

#5
ADD SUPPLEMENTAL STAIR
- 2 UNITS, FLOOR 8 TO 7 ONLY
- RATED CORRIDOR ENCLOSURE

STAIR FROM 7 TO 6

STAIR OFFSET 2 FLOOR 7

TYP. STAIR LOCATION B FLOORS 7 THRU 20

EXIT CORRIDOR 2 FLOOR 7

OFFICE SPACE
SUSP. CLG. 1'-4"
MECH. W.S.T. FL. ONLY

EXTENT OF MECH. W.S. @ 7TH FL.

WASHINGTON STREET

WEST BROADWAY

VESEY STREET

DREXEL BURNHAM LAMBERT

KEY PLAN
7 WORLD TRADE CENTER

NOTES
1) SEE SK-5 & SK-10 FOR TYPICAL NOTES & MODIFICATIONS PERTAINING TO ALL FLOORS.
2) FINAL DIMENSIONS & LOCATIONS TO BE COORDINATED BY OTHER BUILDING ARCHITECTS & ENGINEERS.
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T.T. 13TH FLOOR PLAN
T.T. 18TH FLOOR(S) SHOWN

PRELIMINARY
BASE BUILDING MODIFICATIONS

SK-7

BARCLAY STREET

340'-10⅝" LOT

PROPERTY LINE

329'-0½" BLOCK

WASHINGTON STREET

WEST BROADWAY

VESEY STREET

#8
COMPUTER/DATA PROCESSING
- GENERALISED FLOOR REINFORCING
- 13TH & 14TH FLOORS (ENTIRE)
- ± 100 P.S.F. (L.L.) + RAISED FLOOR
- HALON STORAGE REQUIREMENTS

TRADING SUPPORT EQUIPMENT ROOM
- BALANCE OF 15TH FLOOR (SEE BATTERY & P.B.X. ROOM)
- GENERALISED FLOOR REINFORCING
- ±100 P.S.F. (L.L.)
- HALON STORAGE REQUIREMENTS

#10
PAPER STORAGE
- ± 1000 SQ. FT.
- ± 200 P.S.F. (L.L.)
- @ 13TH OR 14TH FL. ONLY

#10
BATTERY ROOM
- ± 900 SQ. FT.
- ± 250 P.S.F. (LIVE LOADING)
- 15TH FL ONLY

COMM. CL. #2 (SEE SK-7)

COMM. CL. #1 (SEE SK-9)

STAIR #1

STAIR #2

ELEC. CL.

TEL. CL.

COMM. CL.

VEST.

JAN. CL.

MEN

WOMEN

POWDER RM.

FAN RM.

F.E. #31

S.E. #30

SHAFT

PIPE SHAFT

T.C. SHAFT

ELEVATOR LOBBY

FIRE HOSE CAB.

DREXEL BURNHAM LAMBERT

KEY PLAN
7 WORLD TRADE CENTER

NOTES
1) SEE SK-9.1 & SK-10 FOR TYPICAL NOTES & MODIFICATIONS PERTAINING TO ALL FLOORS.
2) FINAL DIMENSIONS & LOCATIONS TO BE COORDINATED BY BASE BUILDING ARCHITECTS / ENGINEERS.
3) ALL SKETCHES ARE IN PROGRESS & FOR PRELIMINARY INFORMATION ONLY.

No.	Date	Revision

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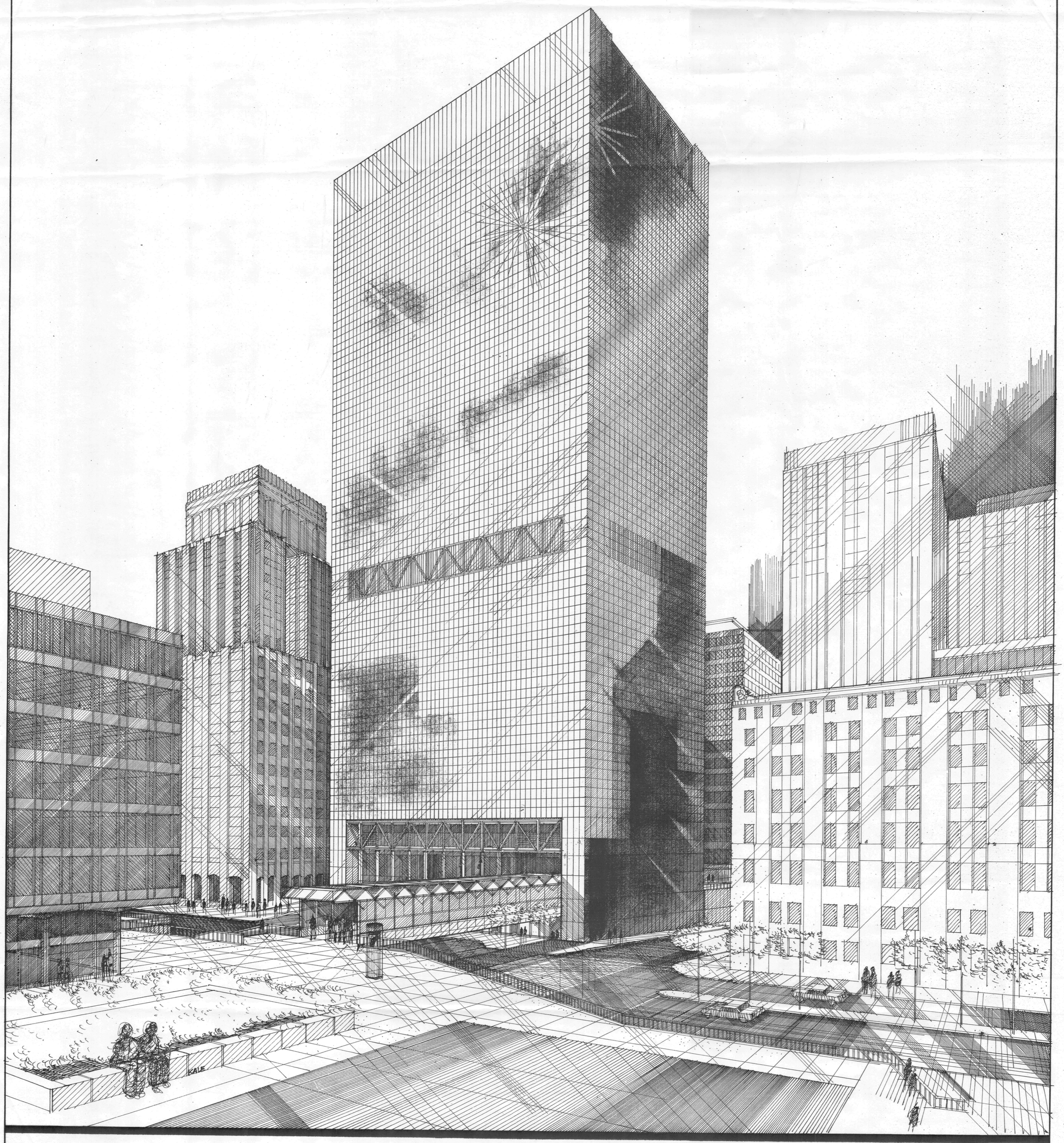
14TH-16TH FLOOR PLAN
13TH-15TH FLOOR(S) SHOWN

PRELIMINARY

BASE BUILDING MODIFICATIONS

Date: 25 JULY 86	Project No.: 0072-000
File/Rev:	Sheet No.: SK-8
Drawn: TP/AP	
Scale: 1"=1'-0"	

WTCI-3-SOM



7 WORLD TRADE CENTER

NEW YORK NY

SILVERSTEIN PROPERTIES

EMERY ROTH SONS PC
ARCHITECTS NEW YORK

General View

DATE
MARCH 31, 1981

01

WTCI-3-SOM

BARCLAY STREET

340'-10⅝" LOT

PROPERTY LINE

329'-0⅛" BLDG

#16
- ADD CHILLED WATER PLANT
- 18000 TON CAPACITY
- CH. WATER RISERS UP THRU FLOOR 23

4 - 18"ø CHILLED WATER LINES (LOCATION TO BE DETERMINED)

CHILLER Z

STAIR OFFSET CONTINUED

#13 OUTSIDE AIR VENTILATION UNIT
- (FORCED AIR)
- ADDITIONAL UNIT LOCATED ON ROOF

POTENTIAL HALON TANK CENTRALIZATION
- STRUCTURAL LOADING IMPACT

RELOCATED TEL. CLOS "A"

BUILDING STORAGE
F.W.R. EL. [-353'-0"]
T.O.S. EL. [-362'-0"]
SUMP CLG. EL. 19

STAIR #1

STAIR #2

STAIR #3

ELEVATOR LOBBY

MEN

WOMEN

SWGR #1

SWGR #2

SWGR #3

#24 INCREASE 1600A SERVICE TAKE-OFF

INCREASE 2000A SERVICE TAKE-OFF

TOTAL (2) = 29,120 LBS (DRY WEIGHT)

UPGRADE AND ADD 3000 LBS TO BACK OF TWO EXISTING UNITS

#24 #25
BACK UP POWER UPGRADE
- FIELD MODIFY & EXTINT. 900 KW GENERATORS TO 1250 KW EACH.
- ADD 3 1750 KW SETS W/ PARALLELING SWITCHGEAR
- REVIEW STRUCTURAL IMPACT

NOTES:
1. PROVIDE 3 REMOTE GENERATOR PANELS & AND TURN-UP @ FINAL VERTICAL SURFACES
2. FOR EXACT SIZE & LOCATION OF CONC. SLAB FOR FAULT SER WHAG CONSTRUCTION DWGS.
3. FOR FINAL LOCATION OF P.C. SEE TYP. CONTRACTOR'S DWGS.
4. PROVIDE LATERAL BRACING AT TOP OF PARAPET WALL MASONRY PARTITIONS.

WASHINGTON STREET

WEST BROADWAY

VESEY STREET

760'-9" BLDG

760'-10⅝" LOT

PART PLAN AT COL. 6
SCALE: 1/4"=1'-0"

VAR DETAILS

DREXEL BURNHAM LAMBERT

KEY PLAN
7 WORLD TRADE CENTER

NOTES
1) FOR SK-1 & SK-2 SEE TYPICAL NOTES & MISCELLANEOUS PARTITIONS TO ALL FLOORS.
2) FINAL DIMENSIONS & LOCATIONS TO BE COORDINATED BY OTHER BUILDING ARCHITECTS & ENGINEERS.
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5th FLOOR PLAN
5th FLOOR(6) SHOWN
PRELIMINARY
BASE BUILDING MODIFICATIONS

15 JULY 86 — Project No. 8676.500
Scale: 1/8"=1'-0" — Sheet No. SK-5

WTCI-3-SOM

BARCLAY STREET

330'-10⅝" LOT

PROPERTY LINE

379'-0" BLDG

#14 KITCHEN EXHAUST
- 80 SQ. FT TOTAL
- FLOORS 5 THRU 6
- (LOUD OPENINGS @ 6"ø)
- EXTEND WALL TO M.E.R. TO CONTAINATE FOR ELEVATOR SHAFT VENT DUCT

RELOCATED TBL. CL. "A"

TBL. CL. "A"

P.B.X. ROOM - TBL. SWITCH
- ± 5000 SQ. FT. @ 100 P.S.F.
- ± 500 SQ. FT @ 250 P.S.F. (BATTERIES)

ELECTRICAL SWITCHBOARD ROOM

#25 ADD MEZZANINE
- ± 100 P.S.F.
- SLAB OR GRATING

NOTES:
1. PROVIDE 3" REINF. CONC. RIB OVER WIDE FLG. AND TURN UP 8" @ ALL VERTICAL SURFACES
2. FOR EXACT SIZE & LOCATION OF SHAFT, SLAB & PIT OPENINGS SEE STRUCTURAL DRAWINGS. FOR OTHER SEE HVAC CONTRACTORS DWGS.
3. FOR FINAL LOCATION OF RD. SEE HVAC CONTRACTORS DRWGS.
4. PROVIDE LINTELS OVER ALL DUCT & PIPE OPENINGS THRU MASONRY PARTITIONS.

WASHINGTON STREET

WEST BROADWAY

VESEY STREET

* SLOPING COLUMNS - FOR LOCATION SEE STRUCTURAL DRAWINGS

DREXEL BURNHAM LAMBERT

KEY PLAN
7 WORLD TRADE CENTER

NOTES
1) SEE SK-9 & SK-10 FOR TYPICAL NOTES & MODIFICATIONS PERTAINING TO ALL FLOORS.
2) FINAL DIMENSIONS & LOCATIONS TO BE COORDINATED BY CASE BUILDING ARCHITECTS & ENGINEERS.
3) ALL SKETCHES ARE IN PROGRESS & FOR PRELIMINARY INFORMATION ONLY.

No.	Date	Revision

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6TH FLOOR PLAN
6TH FLOOR(6) SHOWN

PRELIMINARY
BASE BUILDING MODIFICATIONS

Date: 15 JULY 86	Project No.: 8612-006
Dr./Dsgn.:	Sheet No.: SK-6
Drawn by: TW/AF	Plotted: 07/15/86 @ 11:42
Chkd.: 1/16" = 1'-0"	

BARCLAY STREET

340'-10⅝" LOT

PROPERTY LINE 7

329'-04" BLDG.

#11
CAFETERIA - 8TH FLOOR
- 100 P.S.F. LIVE LOADING (ENTIRE FLOOR)
- POTENTIAL HEAVIER POINT LOADS

#18
ADD DEDICATED WASTE STACK
- 5" LINE; FROM 8TH FL CAFETERIA

KITCHEN EXHAUST SEE SK-6

#1
ADD ELEVATORS
- EXPRESS RUN, 3 TO 8

#19
ADD GAS RISER
- METER RM TO 8TH FL 3"
- 8TH FLOOR TO 45TH FL 4"

#5
ADD SUPPLEMENTAL STAIR
- 2 UNITS, FLOOR 6 TO 7 ONLY
- RATED CORRIDOR ENCLOSURE

OFFICE SPACE
SUSP. CLG. (9'-0")
MECH. W.A @ 7TH FL. ONLY

EXTENT OF MECH W.A @ 7TH FL.

STAIR FROM 7 TO 6.

STAIR OFFSET @ FLOOR 7

TYP. STAIR LOCATION @ FLOORS 7 THRU 20

EXIT CORRIDOR @ FLOOR 7

WASHINGTON STREET

WEST BROADWAY

VESEY STREET

340'-10⅜" LOT

329'-04" BLDG.

WTCI-3-SOM

DREXEL BURNHAM LAMBERT

KEY PLAN
7 WORLD TRADE CENTER

NOTES

1) SEE SK-1 & SK-2 FOR TYPICAL NOTES & SPECIFICATIONS PERTAINING TO ALL FLOORS.

2) FINAL DIMENSIONS & LOCATIONS TO BE COORDINATED BY BASE BUILDING ARCHITECTS & ENGINEERS.

3) ALL DIMENSIONS ARE IN PRELIMINARY FOR PRELIMINARY INFORMATION ONLY.

No.	Date	Revision

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7TH-13TH FLOOR PLAN
7TH-18TH FLOOR(6) SHOWN

PRELIMINARY

BASE BUILDING MODIFICATIONS

7 WORLD TRADE	8605-008
1/16" = 1'-0"	Sheet No.
MAP	SK-7
11-14-86	Sheet 7 of 20 Sheets

BARCLAY STREET

340'-10⅝" LOT

PROPERTY LINE

329'-0½" BLOCK

#8
COMPUTER/DATA PROCESSING
- GENERALIZED FLOOR REINFORCING
- 15TH & 14TH FLOORS (ENTIRE)
- 3100 P.S.F. (L.L.) + RAISED FLOOR
- HALON STORAGE REQUIREMENTS

TRADING SUPPORT EQUIPMENT ROOM
- BALANCE OF 15TH FLOOR (SEE BATTERY & P.B.X. ROOM)
- GENERALIZED FLOOR REINFORCING
- 3100 P.S.F. (L.L.)
- HALON STORAGE REQUIREMENTS

#10
PAPER STORAGE
- ± 1000 SQ. FT.
- ± 200 P.S.F. (L.L.)
- @ 15TH OR 14TH FL. ONLY

#10
BATTERY ROOM
- ± 900 SQ. FT.
- ± 250 P.S.F. (LIVE LOADING)
- 15TH FL ONLY

COMM CL # 2 (SEE SK-9)

COMM CL # 1 (SEE SK-9)

STAIR #1

STAIR #2

ELEC. CL.

TEL. CL.

COMM. CL.

V.E.S.T.

JAN. CL.

MEN

WOMEN

POWDER RM.

FAN RM.

PIPE SHAFT

T.E. SHAFT

SHAFT

ELEVATOR OPER'S

CLEAN "MACK" 8'-6" x 18'-4" FLOORS

CLEAN ALWAYS 8'-6" x 18'-4"

16" SHAFT DISCLOSURE & 6" FLOOR DISC FOR ENTRY SEE DWG #6

WASHINGTON STREET

WEST BROADWAY

246'-9" BLOCK

246'-10⅛" LOT

VESEY STREET

DREXEL BURNHAM LAMBERT

KEY PLAN
7 WORLD TRADE CENTER

NOTES
1. SEE SK-1 & SK-10 FOR TYPICAL NOTES & MODIFICATIONS PERTAINING TO ALL FLOORS.
2. FINAL DIMENSIONS & LOCATIONS TO BE COORDINATED BY BASE BUILDING ARCHITECTS & ENGINEERS.
3. ALL SKETCHES ARE IN PREPARED FOR PRELIMINARY NEGOTIATION ONLY.

No.	Date	Revision

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14TH-16TH FLOOR PLAN
13TH-15TH FLOOR(S) SHOWN

PRELIMINARY
BASE BUILDING MODIFICATIONS

15 JULY 86	Project No. 8618-000
Filename	Sheet No. SK-8
Plotted to 1/16"	
Scale 1/16"=1'-0"	Sheet Size 24"x36"